

ABSTRACT OF THE DISCLOSURE

There is disclosed a correlation circuit for spread spectrum communication, which can demodulate users having superposed demodulation phases and equaling or exceeding a sum of products calculation processing ability without enlarging a constitution. When a plurality of users more than a specified number exist in the same phase of the input signal from a memory, a controller controls a transfer speed of a shift of one sample in an input signal register in order to hold a sufficient time for completing calculation of a sum of products with all the plurality of users in a sum of products calculator in the correlation circuit for spread spectrum communication.